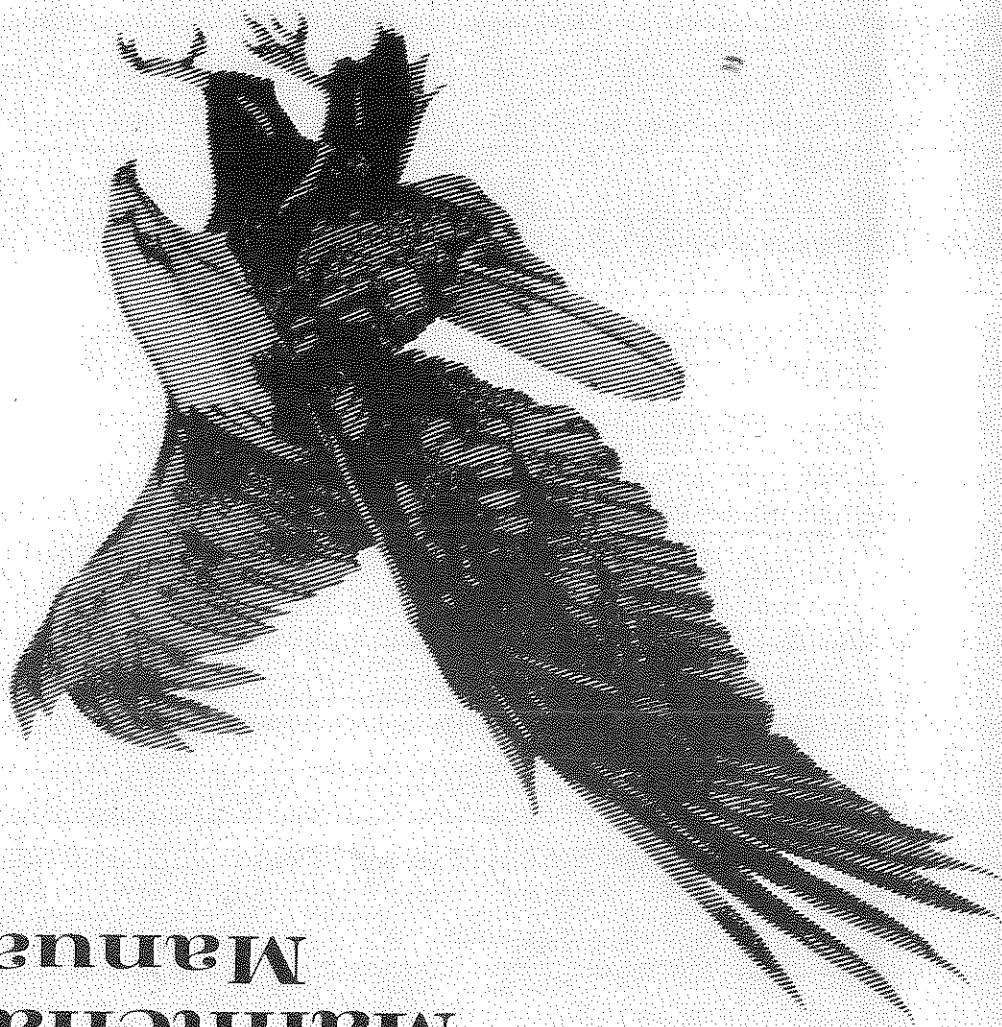


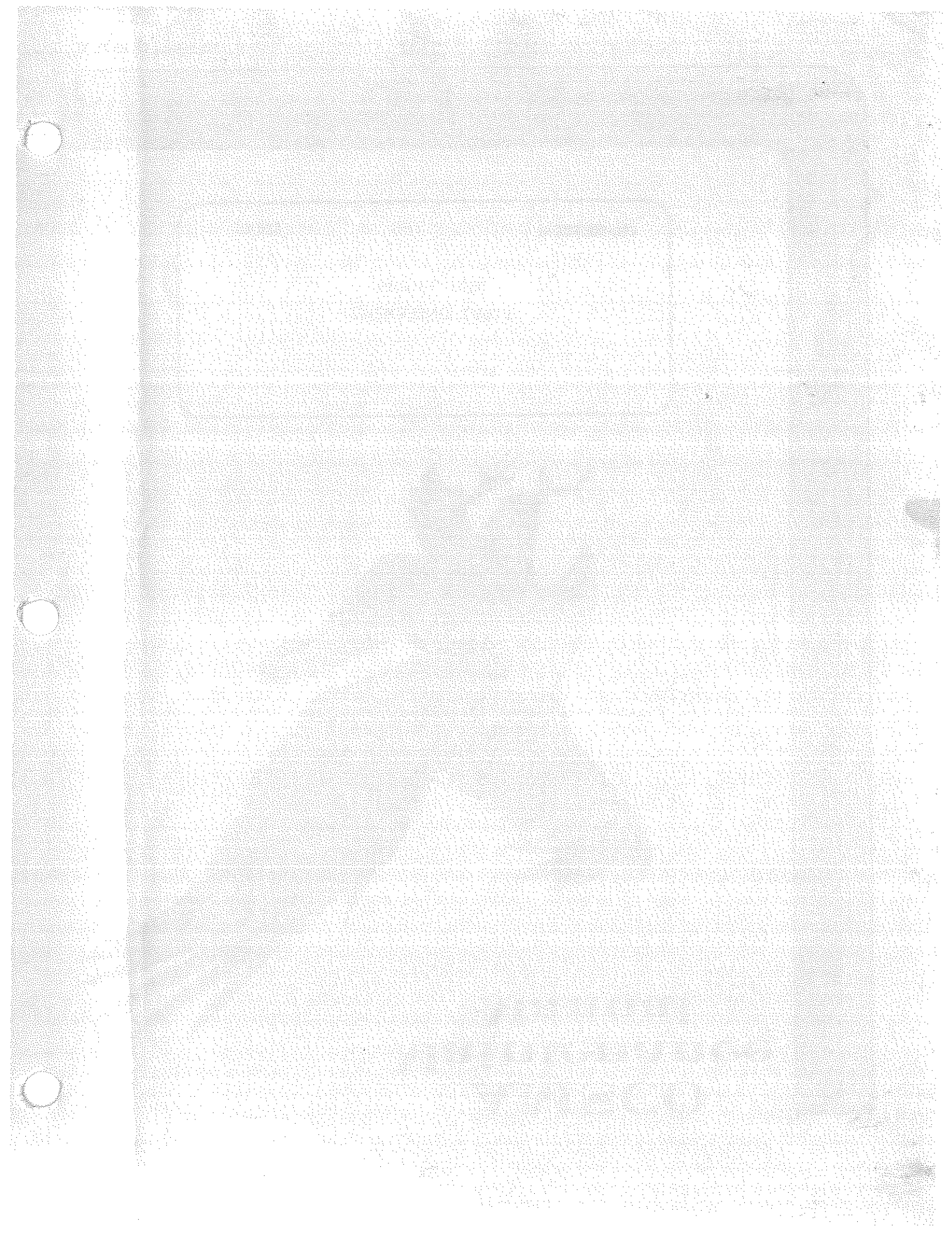
(6/82)

P-305208-091

OPERATING TABLE  
MODEL 1080



# AMSCO Maintenance Manual



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(6/82)

P-305208-091

OPERATING TABLE  
MODEL 1080



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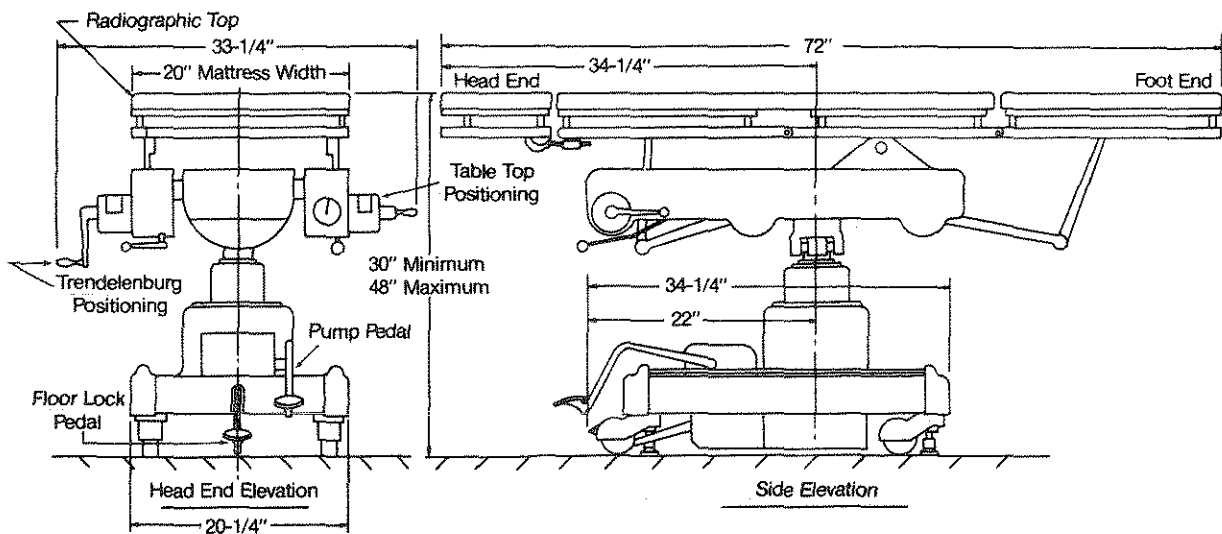
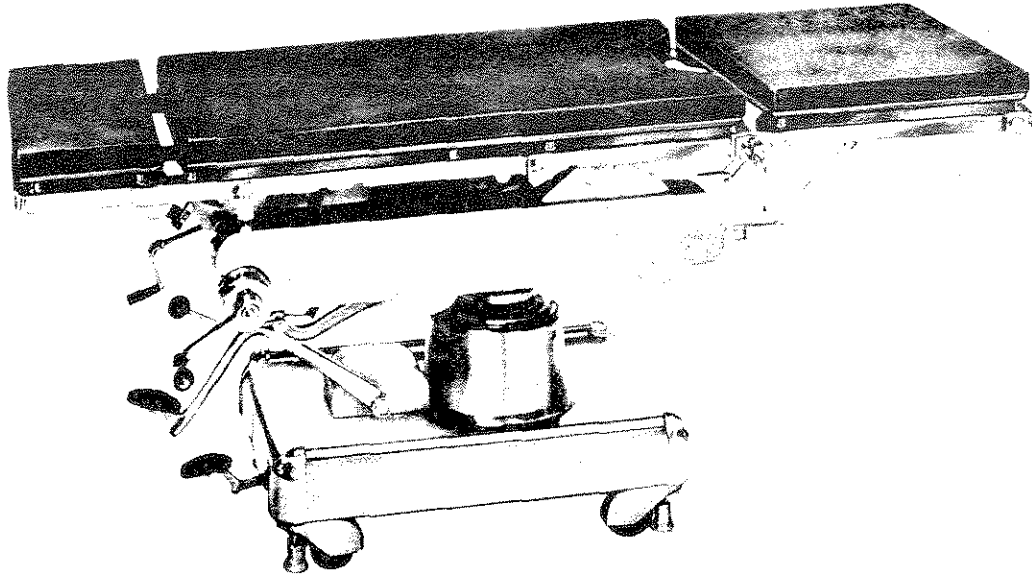
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# CHAPTER I

## INTRODUCTION

This manual provides information for installation, routine servicing, adjustments, and repair for the Model 1080 Operating Table Manufactured by American Sterilizer Company, Erie, Pennsylvania. A complete illustrated parts list appears at the end of the manual.



Model 1080 Operating Table



## CHAPTER II

### MAINTENANCE

#### INSPECTION AND ADJUSTMENT

1. Inspect visually for any missing or loose attaching parts that secure the various components of the table. Tighten any loose screws or nuts; replace any missing parts.

2. Floor Lock. Depress FLOOR LOCK pedal (9fig.1) to the bottom and release slowly. This will lock the table to the floor. The locking feet, in immobilizing the table, should exert enough pressure to remove most of the weight from the casters, but not enough to raise the casters from the floor. If the floor is not flat or level, it may be necessary to readjust the locking feet. The proper adjustment is one where each locking foot is unscrewed one turn beyond the point at which it contacts solidly with the floor, with the FOOT pedal in locked position. To mobilize the table again, depress the FLOOR LOCK pedal and release quickly. The speed with which the FOOT pedal is released determines whether or not it will be locked or in a released position.

3. Oil Level. To check the oil level in the reservoir, first remove the pump cover (1, fig. 6). Elevate the table to its extreme height and insert a clean tongue depressor, pencil, or similar instrument, making sure that it touches the bottom of the reservoir. The normal fluid level with the table in this position is  $3/4$  inch. If it does not measure  $3/4$  inch, add sufficient oil to restore to this normal level.

4. Table Elevation. Pump the foot pedal to raise the table to its maximum height. The table should rise smoothly, rapidly, and quietly. Depress foot pedal. Table should lower smoothly and quietly to the lowest position. Maximum height is approximately 48 inches including pad, 46 inches without pad. Minimum height is approximately 30 inches with pad, 28 inches without pad.

5. Table Top Positioning. By manipulating the positioning controls, (fig. 1) it should be possible to adjust the table top to any position and articulation within its specified limitations. The positioning of the right-hand selector lever should be easy but positive. The action of the positioning mechanisms should be positive, quiet, and smooth with no jerkiness.

6. Hydraulic Leakage. After table has once been cleaned and ready for operation, there should be no signs of oil leaking from any part of the superstructure or the base.

7. Telescopic Cylinder Adjustment. The adjustment of the elevating cylinders is a precise operation and should be done by a factory serviceman.

The following tools are required to adjust the telescoping cylinders: A table cylinder adjusting wrench (No. 54145), a large screwdriver with an end  $7/16$ " wide, a small screwdriver, a  $3/16$ " Allen wrench, and a  $5/32$ " Allen wrench.

#### CAUTION

Do not loosen any locking screws or adjusting screws in the elevating cylinders except in the order of procedure as directed in these instructions. When replacing a broken or loose-fitting adjustment screw (18, fig. 2), it is important that never more than one screw be removed at a time. Removing both adjusting screws at the same time releases the guide bar (17, fig. 2), and it will drop down to the bottom of the cylinder.

a. With the table top level and in a horizontal position, raise the table top to its maximum height.

b. Remove the four screws (13, fig. 2) that secure the large ring (21, fig. 2) and the four screws (13, fig. 2) that secure the small ring (12, fig. 2), and completely lower the table. Now raise the table to its maximum height. The rings will be carried up with the cylinders. Oil the keyways thoroughly with medium-weight oil.

c. Adjust the pedestal as follows:

- (1) The next step is to adjust each key (17, fig. 2) separately on the large cylinder (16, fig. 2).
- (2) Follow the same procedure as described in item c(1) Adjust key in large cylinder 450 counterclockwise from first key adjusted in pedestal.
- (3) Make the same adjustment to key in large cylinder opposite (180°) key adjusted in item d(2).
- (4) Make the same adjustment to key in large cylinder 90° clockwise from key adjusted in item d(3).
- (5) Make the same adjustment to key in large cylinder opposite (180°) key adjusted in item d(4).

#### NOTE

It is important that the above adjustments be taken in the proper sequence. This will assure accurate adjustment of the keys in the intermediate cylinder (6, fig. 2) grooves.

- (1) Adjust each key (17, fig. 2) separately on the pedestal (22, fig. 2) first. Engage table cylinder adjusting wrench (No. 54145) in slots of adjusting screw (18, fig. 2). Insert the 3/16" Allen wrench through hole in adjusting wrench, engaging socket head locking screw (19). Release the two locking screws (19, fig. 2) in one key only, approximately one turn. Then tighten adjusting screws until the key bottoms snugly, and then release a very small amount. This should release key just enough to eliminate binding. Tighten the locking screws (19) again with the Allen wrench. Do not force these screws; lower and raise table again to maximum height to check key adjustment.
- (2) Make the same adjustment to key in pedestal opposite (180°) key adjusted in item c(1).
- (3) Make the same adjustment to key in pedestal 90° clockwise from key adjusted in item c(2).
- (4) Make the same adjustment to key in pedestal opposite (180°) key adjusted in item c(3).

#### NOTE

It is important that the above adjustments be taken in the proper sequence. This will assure accurate adjustment of the keys in the large cylinder (16, fig. 2) grooves.

- e. Adjustment of the single "V" key (3, fig. 2) on the intermediate cylinder (6, fig. 2): This key must ride snugly in the center cylinder (1, fig. 2) groove to prevent rotation. Loosen the two locking screws (5, fig. 2), using a 5/32" Allen wrench, approximately one turn. Using a large (7/16" wide end) screwdriver, tighten the two adjusting screws (4, fig. 2) until the key bottoms snugly in the keyway, and then release a very slight amount. This should release key just enough to eliminate binding. Tighten the locking screws (5, fig. 2) with the Allen wrench. Do not force these screws. Lower and raise table again to maximum height to check key adjustment.

## LUBRICATION

1. General. In order to insure the continued satisfactory performance of any piece of precision-built machinery, proper lubrication is necessary. The Model 1080 Operating Table is no exception to this rule. AMSCO recommends that, at six-month intervals, a mechanic go over the entire table and lubricate as follows:

Coat all worms and gears with Lubriplate (753975).

Lubricate all bearings, shafts, and other moving parts with any good grade of medium-weight lubricating oil.

In order to lubricate some of the parts, a certain amount of disassembly of the table is required. All figure references in the procedures below refer to the figures of this manual, which is a complete, illustrated parts list of the Model 1080.

2. Headrest Section. Remove headrest from table and turn upside down as shown in figure 5. Lubricate moving parts with a drop of oil.

3. Lithotomy Legholder and Clamp Assembly. Lubricate the wing screw assembly (8, fig. 4) and the screw (14, fig. 4) with a slight amount of lubricant grease. A very slight amount of lubrication may also be necessary between the aluminum support (9, fig. 4) and the tube and bushing (6, fig. 4). A drop of oil is satisfactory on each of the points of movement of the kidney bridge crank (13, fig. 7) and the body elevator shaft.

4. Table Sections. Refer to figure 3. Lubricate hinge pins (10 and 28).

5. Side Tilt Gearing. Remove cover (50, fig. 3). Lubricate worm gear (47), sector (37), and bevel gear (42) with Lubriplate, and oil the shaft (40) at the bearing. Replace cover (50).

6. Gearbox and Shaft Assembly. Gearbox is lubricated for life and normally requires no lubrication. Proceed as follows only if replacement of parts is necessary. Crank up the kidney bridge assembly to make the stop screws (39, fig. 4) available; remove stop screws and kidney bridge assembly. Remove the two 10/32 setscrews (9, fig. 3) holding the right-hand short hinge pins (10, fig. 3) between back and seat sections, and remove pins. Remove one taper pin (19, fig. 7) from the universal joint (11, fig. 7) on the left side by means of a small pin punch, making sure that you are driving the small end of the pin. It is now necessary to remove the left-hand hinge pin, as was done on the right-hand side; however, when this hinge pin is removed, the back section will drop down and may scar the paint. Precaution should be taken to hold this or provide suitable padding. The kidney bridge is now free to be removed. It can be serviced and replaced. It is important to keep all of the component spacers in their proper location, as each table requires different spacing. By removing the two screws (21 and 22, fig. 7) in the gearbox, the bearings can be unscrewed and the parts can be serviced or greased easily.

## CHAPTER III PARTS BREAKDOWN

Fig. & Index No.	Part No.	Description	Units Per Assy
2-	25350-091	Pedestal Assembly . . . . .	1
-1	41209-052	Cylinder, Center . . . . .	1
-2	22876-091	Pin, Stop . . . . .	1
-3	39538-091	Key . . . . .	1
-4	22871-061	Screw, Adjusting . . . . .	2
-5	23431-041	Screw, Socket Hd., No. 6-32 x 3/8 inch . . . . .	2
-6	N.L.A.	†Cylinder, Intermediate . . . . .	1
-7	22872-091	Pin, Stop . . . . .	2
-8	22873-091	Sleeve . . . . .	2
-9	23420-091	Screw, Stop . . . . .	1
-10	22436-091	Plug, Nylon . . . . .	1
-11	4772-045	Screw, Set, 1/4-20 x 1/4 inch . . . . .	1
-12	22878-057	Ring, Small . . . . .	1
-13	27746-045	Screw, Stripper . . . . .	8
-14	3517-091	Washer, Lock, 1/2 . . . . .	2
-15	22867-091	Screw, Stop . . . . .	2
-16	N.L.A.	†Cylinder, Large . . . . .	1
-17	39539-091	Bar, Guide . . . . .	8
-18	39540-061	Screw, Adjusting . . . . .	16
-19	39541-061	Screw, Cap, 1/4-20 "Unbrake" . . . . .	16
-20	16849-091	Cylinder, Rubber . . . . .	3
-21	22877-057	Ring, Large . . . . .	1
-22	N.L.A.	†Pedestal . . . . .	1
-23	R6400-140	*Grease, Lubriplate N630-AA (Not Shown) . . . . .	As Req.

†These items are no longer available. Contact AMSCO-Erie for substitutes.

\*Apply Lubriplate N630-AA to all verticle grooves of the large and intermediate cylinders and to all bars, holes and screws.

Figure 2. Pedestal Assembly (Stainless Steel Base)

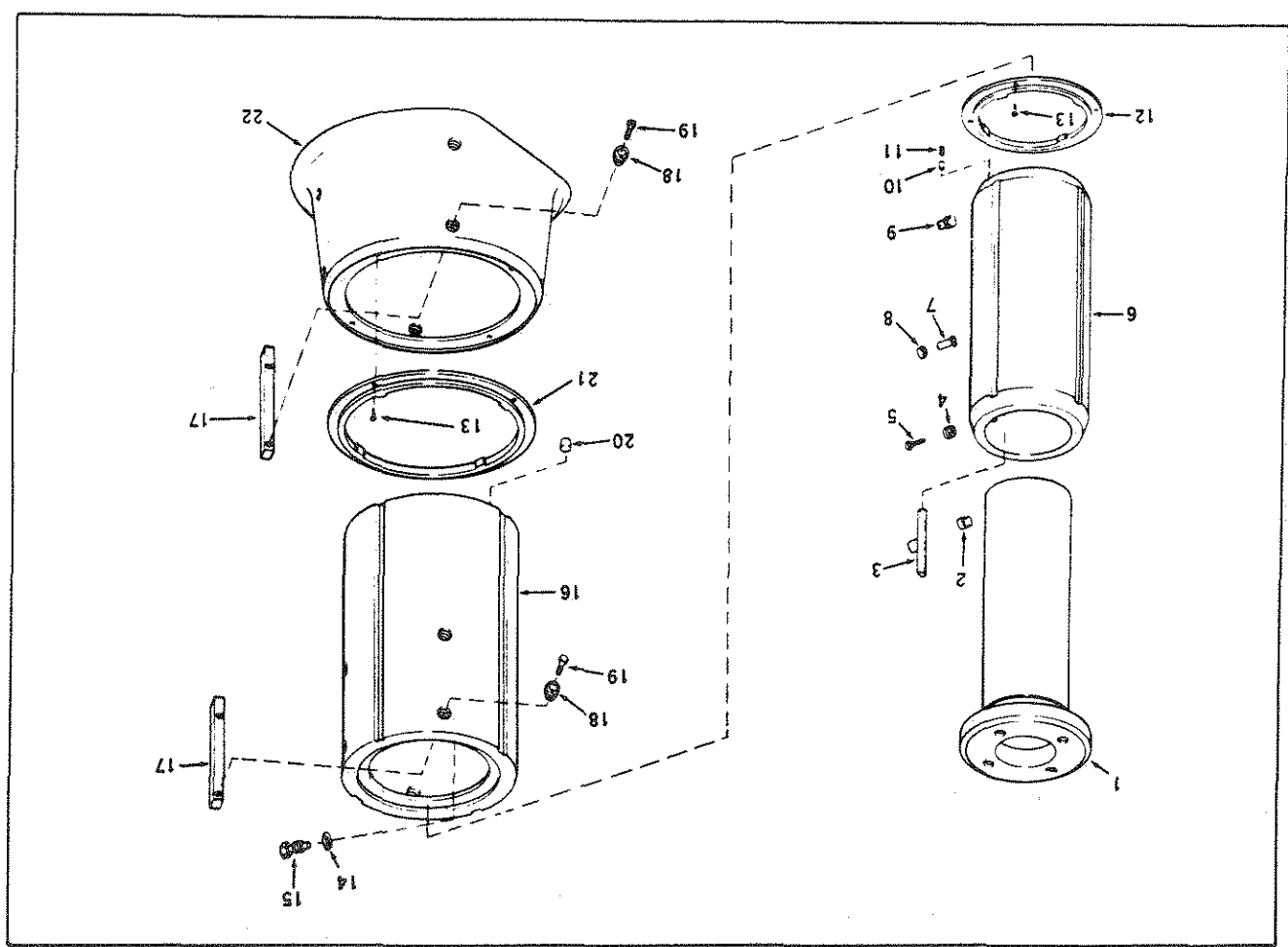


Figure 3. Table Sections and Tilting Mechanism

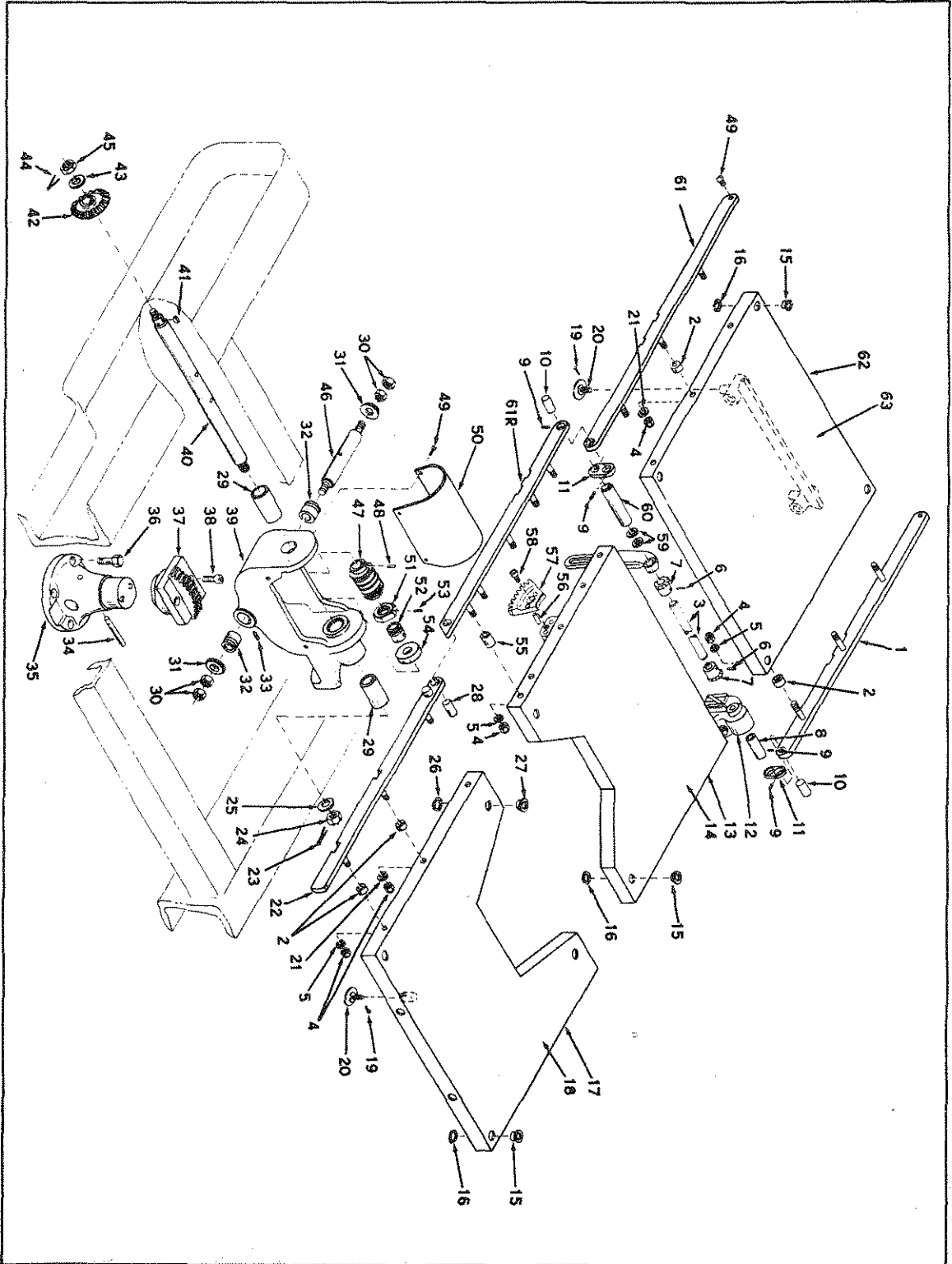


Fig. & Index No.	Part Number	Description	Units per Assy.
3-	No Number	Table Sections and Tilting Mechanism	1
-1	45164-063	Side Rail, Left hand back section	1
-2	15171-042	Spacer	12
-3	43345-063	Shaft, Cross	1
-4	27184-045	Nut, Hug lock	22
-5	19679-041	Washer, Lock	19
-6	24700-061	Pin, Groove	3
-7	15220-045	Gear, Spur	2
-8	52716-091	Spacer	1
-9	25834-091	Screw, Set	4
-10	44440-063	Pin, Hinge	2
-11	44441-052	Link	2
-12	No Number	Gearbox and Shaft Assembly (See fig. 7 for details)	1
-13	N.L.A.	Frame	1
-14	N.L.A.	Cover, Seat Section	1
-15	45925-061	Bushing	1
-16	44909-045	Ring, Retaining	8
-17	N.L.A.	Frame	1
-18	N.L.A.	Cover, Foot section	1
-19	9591-041	Screw, Drive	1
-20	44522-051	Knob Assembly	4
-21	19680-041	Washer, Lock	4
-22(R)	49715-063	Rail, Side, Foot section (RH)	1
-22(L)*	49717-063	Rail, Side, Foot section (LH)	1
-23	15277-091	Pin, Cotter	1
-24	16229-091	Nut, Castellated	1
-25	5460-045	Washer	1
-26	33233-045	Ring, Retaining	2
-27	45926-061	Bushing	2
-28	43337-063	Pin, Hinge	2
-29	16408-091	Bearing, Oilite	2
-30	16082-041	Nut, Jam	4
-31	16429-048	Washer	2
-32	15973-091	Bushing, Eccentric	2
-33	15736-091	Screw, Set	2
-34	43225-061	Pin, Roll	1
-35	22862-010	Plate, Mounting	1
-36	3861-041	Screw, Cap, hex hd., 1/2-13x2-1/4 inch	4
-37	22839-091	Sector, Side tilt	1
-38	N.L.A.	Screw, Counterbore, 3/8-16x1 inch	2
-39	N.L.A.	Yoke	1
-40	16175-091	Shaft, Side tilt	1
-41	16416-091	Key, Woodruff	1
-42	22728-091	Bevel Gear	1
-43	5503-045	Washer	1
-44	3185-091	Pin, Cotter	1
-45	80915-045	Nut, Castellated	1
-46	16177-091	Pin, Side tilt	1
-47	16112-091	Worm Gear	1
-48	24952-061	Pin, Groove	2
-49	15361-042	Screw, Machine, flat hd., No. 10-32x1/4 inch	8
-50	N.L.A.	Cover	1
-51	16189-091	Nut	1
-52	16179-091	Sleeve	1
-53	4772-045	Screw, Set	1
-54	16257-091	Bearing, Thrust	1
-55	43325-042	Spacer	10
-56	16836-041	Pin	2
-57	16290-091	Worm Sector	1
-58	15335-041	Screw, Socket hd., 1/2-13x1 inch	1
-59	16378-045	Washer	4
-60	52715-091	Spacer	1
-61	45162-063	Side Rail, Right hand back section	1
-61(R)	45002-063	Side Rail, Right hand seat section	1
-61(L)*	45000-063	Side Rail, Left hand seat section	1
-62	N.L.A.	Frame	1
-63	N.L.A.	Cover, Back section	1

\* Not illustrated.

Rev. 10/81  
†These items are no longer available. Contact AMSCO-Erie for substitutes.

Fig. & Index No.	Part Number	Description	Units per Assy.
4-	No Number	Back and Footrest	1
-1	P-56229-001	Pad, one-inch Thick	1
-2		Strap, Body Restraint (Sales Item)	1
-3	15530-091	Strap	2
-4	15519-015	Hook, Snap	2
-5	15518-015	Link	2
-6	27223-091	Tube and Bushing	2
-7	9591-011	Screw, Drive	4
-8	26524-056	Wing Screw Assembly	2
-9	26528-034	Support	2
-10	25681-061	Pin, Groove	2
-11	26522-061	Stud	2
-12	16524-056	Knob	4
-13	16538-063	Handle	2
-14	14671-063	Screw	2
-15	14669-056	Sleeve	2
-16	14668-056	Lock, Slide	2
-17	53045-056	Base	2
-18	43413-091	Fastener, Hook	1
-19	14670-056	Post	2
-20	P-56228-001	Pad, one-inch Thick (Foot Section)	1
-21	10570-061	Screw, Machine	12
-22	37438-056	Leg	2
-23	48301-001	Top Board, Foot Section	1
-24	37376-056	Leg	8
-25	79770-001	Frame and Cover	1
-26	15361-012	Screw, Machine, round hd., No. 10-32x1 1/4 inch	4
-27	14522-056	Knob Assembly	2
-28	43642-091	Knob and Socket	4
-29	43415-091	Fastener, Hook	1
-30	42133-056	Leg	2
-31	37463-091	Washer, Spring	2
-32	37479-012	Bar, Locking	2
-33	23449-061	Pin, Spirol	2
-34	48305-001	Top Board, Seat Section	1
-35	15350-091	Strap, Leather	2
-36	23400-068	Wristlet Holder Assembly	2
-37	15324-012	Screw, Machine, round hd., 1/4-20x3 8 inch	2
-38	16268-012	Rack	2
-39	3949-012	Screw, Machine, round hd., 1/4-20x3 4 inch	2
-40	P-22266-063	Bridge Assembly	1
-41	16435-014	Kidney Bridge Post, Large	1
-42	16436-014	Kidney Bridge Post, Small	1
-43	48302-001	Top Board, Back Section	1
-44	52047-091	Leg Assembly, Locking (Includes Items 30 thru 33)	2

Figure 4. Back and Footrest, Exploded View

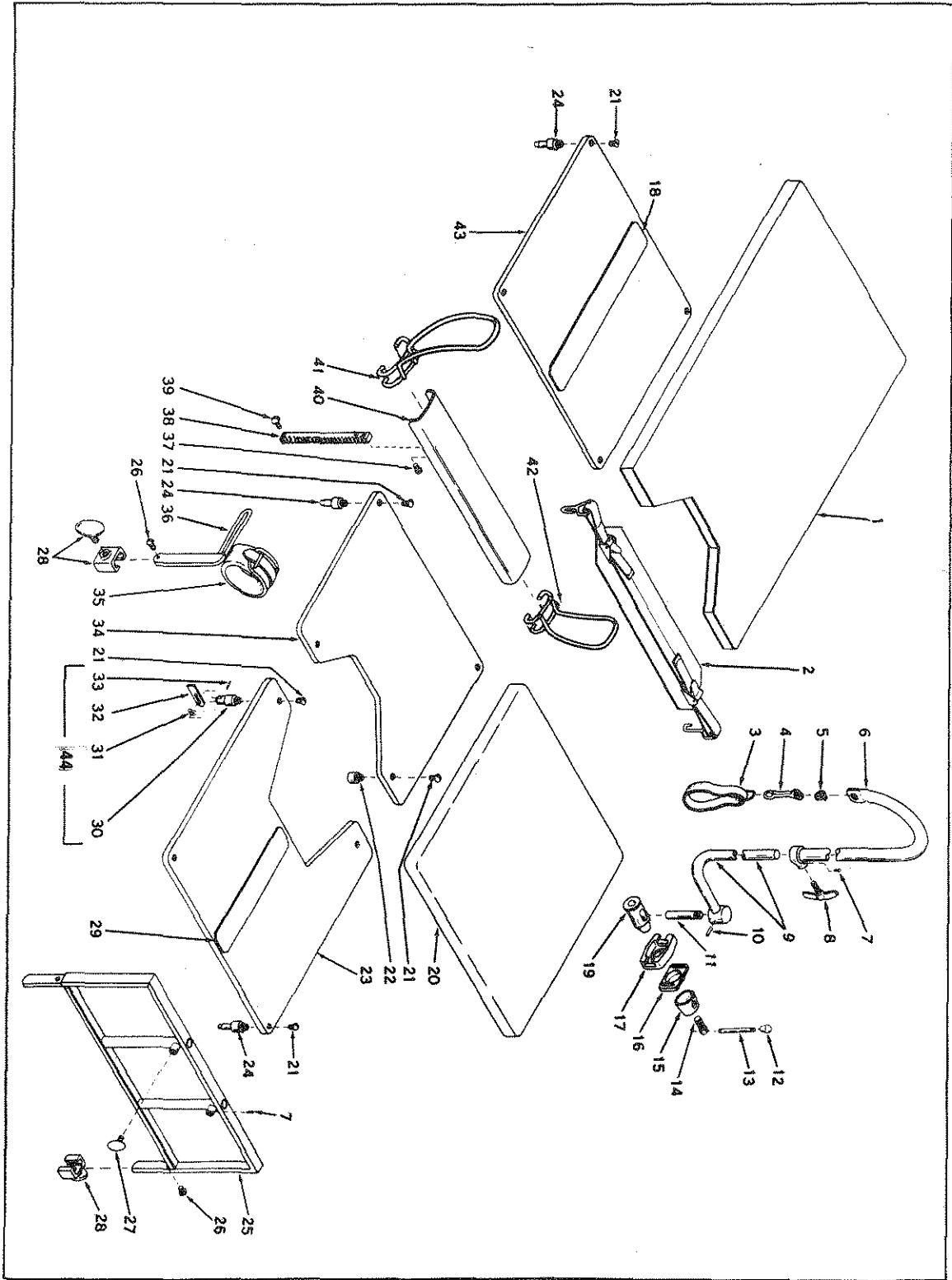


Figure 5. Headrest and Accessories, Exploded View

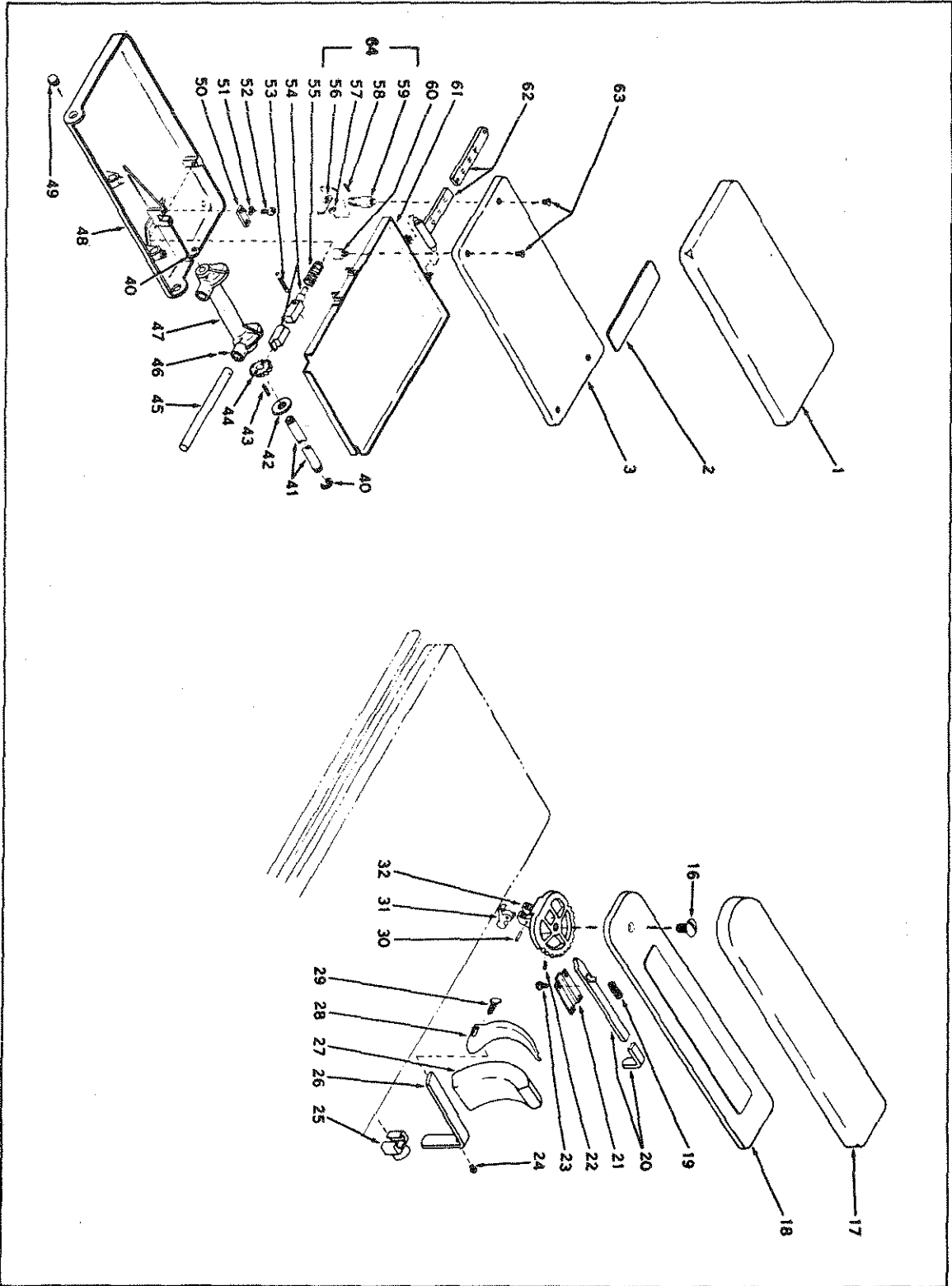
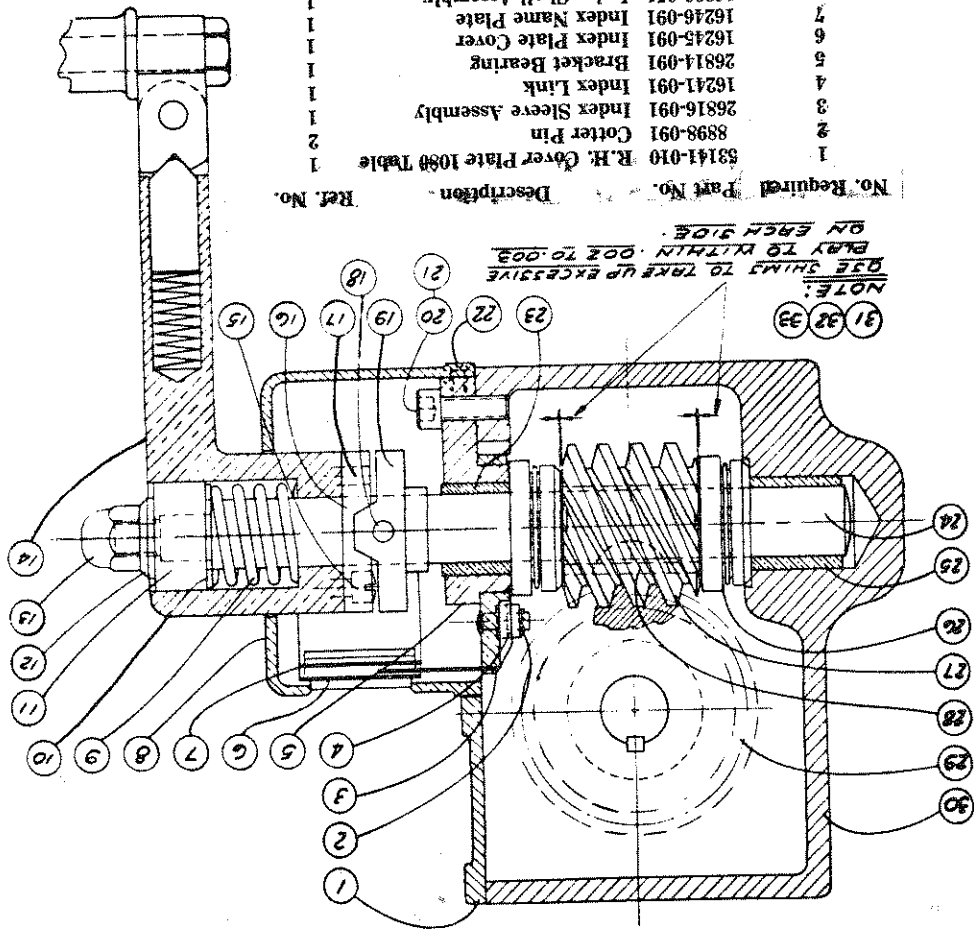


Fig. & Index No.	Part Number	Description	Units per Assy.
-5-	No Number	Headrest and Accessories	1
-1	P-56230-001	Pad, One-inch Thick	1
-2	43412-091	Fastener, Hook	1
-3	P-48303-001	Top Board, Head Section	1
-16	26343-056	Screw, Machine, pan hd., 5/8-11 x 1-5/16 inch	1
-17	P-56232-001	Pad, 2-inch Thick Armboard	1
-18	26347-091	Arm Board	1
-19	22118-061	Spring, Compression	1
-20	26544-045	Trip Lever Assembly	1
-21	26546-061	Cover	2
-22	25453-091	Screw, Set, socket hd., 1/4-20 x 7/16 inch	1
-23	12283-041	Screw, Machine, round hd., 10-32 x 1/4 inch	8
-24	15361-042	Screw, Machine, round hd., 10-32 x 1/4 inch	2
-25	43343-091	Knob and Socket Assembly	2
-26	79773-001	Angle	2
-27	18004-091	Pad, Shoulder Rest	2
-28	15916-044	Rest, Shoulder	2
-29	5834-056	Screw, Thumb	2
-30	26134-061	Pin, Drive	1
-31	92646-001	Trigger	1
-32	136011-001	Bracket	1
-40	42730-045	Ring, Retaining	2
-41	42732-091	Rod, Hinge	1
-42	42728-042	Washer	1
-43	22997-061	Pin, Roll	2
-44	42727-042	Ratchet	1
-45	16164-044	Shaft	2
-46	29479-061	Pin, Groove	2
-47	P-42733-001	Support	1
-48	P-133688-001	Headrest (Wide) Assembly	1
-49	24947-056	Button, Plug	2
-50	42731-045	Cap	1
-51	19685-061	Washer, Lock	2
-52	16451-042	Screw, Cap, socket hd., No. 10-32 x 5/8 inch	2
-53	26016-061	Pin, Groove	1
-54	42729-045	Lever, Ratchet	1
-55	26017-061	Spring	1
-56	37479-042	Bar, Locking	2
-57	37463-091	Washer, Spring	2
-58	22449-061	Pin, Spirol	2
-59	37478-056	Leg	2
-60	37438-056	Leg	2
-61	37387-063	Tray	1
-62	37410-034	Handle	1
-63	10570-061	Screw, Machine	4
-64	52048-091	Leg Assembly, Locking (Includes items 56 thru 59)	2

# CONTROL END ASSEMBLY FOR MAIN SHAFT



No. Required Part No. Description Ret. No.

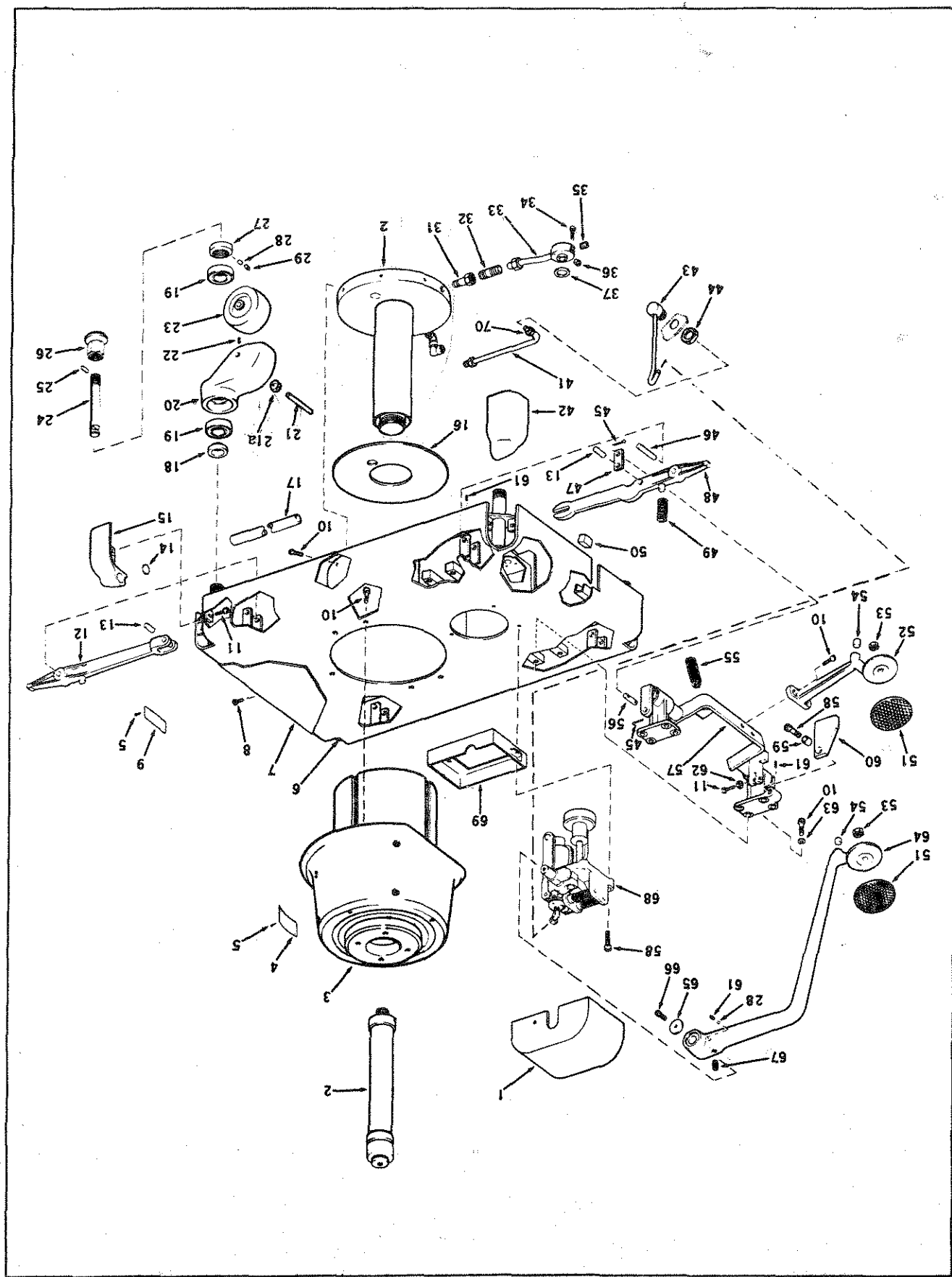
1	53141-010	R.H. Cover Plate 1080 Table	1
2	8898-091	Cotter Pin	2
3	26816-091	Index Sleeve Assembly	2
4	16241-091	Index Link	1
5	26814-091	Bracket Bearing	1
6	16245-091	Index Plate Cover	1
7	16246-091	Index Name Plate	1
8	16393-051	Index Shell Assembly	1
9	16403-091	Handwheel Spring	1
10	16340-091	Thrust Washer	1
11	16339-091	Outer Bearing Control	1
12	5576-042	Revel Finishing Washer	1
13	15378-051	Acorn Nut	1
14	14610-051	Main Control Crank Assy.	1
15	9308-091	Fillister Hd. Mach. Screw	4
16	16337-091	Control Female Clutch	1
17	22996-061	Roll Pin	2
18	11542-091	Taper Pin	1
19	16336-091	Control Male Clutch	1
20	22997-061	Roll Pin	2
21	12423-041	Soc. Hd. Cap Screw	3
22	9282-041	Flat Head Mach. Screw	2
23	26813-091	Bearing — Oilite	1
24	16187-091	Cross Shaft	1
25	16208-091	Bearing — Oilite	1
26	15053-091	Ball Thrust Bearing	2
27	16103-091	Cross Shaft Worm	1
28	16180-091	Woodruff Key	1
29	16102-091	Worm Gear	1
30	N.L.A.	Frame	1
31	26809-091	Shim .010"	2
32	26810-091	Shim .004"	4
33	26811-091	Shim .002"	6

# TRENDELENBURG SIDE OF 1080 OPERATING TABLE

PART	NO.	DESCRIPTION	QUANTITY USED	PART	NO.	DESCRIPTION	QUANTITY USED
------	-----	-------------	---------------	------	-----	-------------	---------------

2898-061	Pin	16257-091	2	16257-091	Thrust Bearing	2	1
3860-041	Cap Screw	16262-036	2	16262-036	Kidney Bridge Crank	1	1
3902-091	Screw	16263-061	2	16263-061	Kidney Bridge Shaft	1	1
3929-091	Round Head Screw	16266-063	2	16266-063	Lever Arm Pin (Back & Seat Sections)	2	2
3949-042	Round Head Screw	16268-042	2	16268-042	Rack for Kidney Bridge	2	2
3961-041	Flat Head Screw	16272-091	8	16272-091	Trendelenburg Worm Gear Sector	1	3
3967-041	Round Head Screw	16273-041	1	16273-041	Taper Pin	1	1
3986-041	Round Head Screw	16274-091	1	16274-091	Trendelenburg Bearing	1	1
4772-045	Set Screw	16284-042	1	16284-042	Kidney Bridge Stabilizer	1	1
7981-091	Handle	16299-051	2	16299-051	Bevel Washer (Seat Section)	2	2
8873-045	Pin	16330-032	2	16330-032	R.H. Lever Arm (Foot Section)	1	1
8897-091	Cotter Pin	16381-061	2	16381-061	L.H. Lever Arm (Foot Section)	1	1
9282-041	Flat Head Screw	16395-091	4	16395-091	Gear Rack Cover	2	2
9306-061	Screw	16399-091	1	16399-091	Thrust Washer (Foot & Back Section)	2	2
12176-041	Socket Head Cap Screw	16421-091	2	16421-091	Tiltrometer Link	1	1
12695-045	Socket Head Cap Screw	16423-091	2	16423-091	Tiltrometer Indicator Assembly	1	1
12786-091	Pin	16438-042	2	16438-042	Pivot Bracket	1	1
13277-091	Cotter Pin	16452-041	1	16452-041	Washer	4	4
13918-045	Handle Stud	16868-041	2	16868-041	Taper Pin	1	1
16112-091	Worm (for Side Tilt & Trendelenburg)	16918-041	1	16918-041	Socket Head Cap Screw	5	5
16116-091	Trendelenburg Gear Bracket	19677-041	1	19677-041	Allen Head Set Screw	4	4
16179-091	Side Tilt Adjusting Sleeve	20200-045	1	20200-045	Lock Washer	2	2
16182-091	Needle Bearing	22266-063	1	22266-063	Universal Joint Assembly	1	1
16186-042	Adjusting Nut	22998-061	2	22998-061	Kidney Bridge	1	1
16189-091	Side Tilt Adjusting Nut	23892-091	1	23892-091	Roll Pin	2	2
16194-021	Trendelenburg Shaft	26028-091	1	26028-091	Bevel Gear Assembly (16190 & 16230)	1	1
16201-091	Oilite Thrust Washer	30092-061	1	30092-061	Elastic Stop Nut	1	1
16215-091	Hinge Pin for Seat Section	38564-032	2	38564-032	Pin, Groove (Worm)	2	2
16218-061	Shaft for Back & Foot Sections	38565-031	2	38565-031	Lever Arm for Back Section	1	1
16221-061	Shaft for Foot & Back Section Levers	38566-031	2	38566-031	L.H. Lever for Back Section	1	1
16227-061	Worm End Shaft	41510-061	1	41510-061	R.H. Lever for Back Section	1	1
16229-091	Castellated Nut (Light)	41511-061	1	41511-061	Pin, Groove	2	2
16234-091	Worm	44766-091	1	44766-091	Bearing, Thrust	3	3
16235-045	Seat Section Eccentric Bushing	53328-042	2	53328-042	Gear Box	1	1
16247-091	Worm Gear		1				

Figure 6. Base Assembly



NOTE: Item 2, Lift Cylinder Assembly—Order P-763908-001 for rebuilt lift cylinder assembly.

Fig. & Index No.	Part No.	Description	Units Per Assy
6-	99683-091	Base Assembly (Stainless Steel)	1
-1	23408-063	Cover Assembly	1
-2	136406-001	Lift Cylinder Assembly (See Note Below)	1
-3	25350-091	Pedestal Assembly (See fig. 2 for details)	1
-4	14727-091	Plate, Name	1
-5	9148-045	Screw, Drive, No. 4 x 1/4 inch	1
-6	97964-010	Base Assembly	1
-7	22826-061	Cover, Base	1
-8	10859-041	Screw, Truss Hd., No. 10-32 x 5/16 inch	4
-9	31821-091	Plate, Name	1
-10	12439-045	Screw, Socket Head, 3/8-16 x 3/4 inch	22
-11	11266-045	Screw, Socket Head, 1/4-20 x 1 inch	9
-12	22801-091	Lever, Floor Lock	2
-13	16733-061	Pin, Toggle Link	4
-14	28186-091	Disc, Rubber	2
-15	23447-056	Bracket, L.H.	2
-16	31189-091	Seal, Felt	1
-17	24050-063	Rail, Foot	2
-18	22819-091	Collar, Thrust	4
-19	22803-091	Caster Assembly	4
-20	23421-056	Fork	2
-21	19198-063	Axle	1
-21a	10456-091	Washer	2
-22	10383-041	Screw	1
-23	13801-091	Wheel	1
-24	150204-001	Pin and Foot Assembly (Inc items 24, 25, 26)	4
-25	22823-091	Pin, Floor Lock	1
-26	150201-001	Cylinder, Rubber	1
-27	22818-091	Collar, Lock	1
-28	22436-091	Plug, Nylon	5
-29	4772-045	Screw, Set, 1/4-20 x 3/4 inch	8
-30	22887-042	Adapter	1
-31	13658-044	Fitting, 1/2 OD x 3/8 NPT	1
-32	23422-042	Fitting Assembly	1
-34	13102-045	Screw, Socket Head, No. 10-32 x 1 inch	4
-35	20380-042	Plug, Pipe, 1/4 NPT	1
-36	42366-091	Plug, Pipe, 1/8 NPT	1
-37	756179-091	Gasket	1
-38		Not Used	
-39		Not Used	

Fig. & Index No.	Part No.	Description	Units Per Assy
-41	23423-091	Tube, Pressure Line	1
-42	23446-056	Bracket, R.H.	2
-43	22843-091	Fitting Assembly	1
-44	3122-045	Nut, Jam, 3/4-10	1
-45	3200-091	Pin, Cotter, 1/16 inch x 3/4 inch	4
-46	22858-061	Pin, Fulcrum	4
-47	22868-045	Link, Toggle	4
-48	22802-091	Lever, Floor Lock	2
-49	21047-091	Spring	4
-50	23443-091	Bumper	1
-51	6045-091	Pad, Pedal	2
-52	22861-052	Pedal, Floor Lock	1
-53	3098-045	Nut, Hex, 5/16-18	2
-54	16849-091	Pad, Bumper	2
-55	21048-091	Spring	1
-56	25034-061	Pin, Toggle Link	2
-57	750430-091	Yoke and Bearing Assembly (For tables prior to 1964)	1
-58	15339-045	Screw, Socket Hd., 3/8-16 x 1-1/4 inch	4
-59	22899-091	Bearing, Catch	1
-60	22857-045	Catch, Yoke	1
-61	10585-041	Screw, Set	2
-62	3040-042	Nut, Hex, 1/4-20	1
-63	25832-041	Washer, Lock	8
-64	39313-052	Pedal, Pump	1
-65	2895-052	Washer	1
-66	79253-045	Screw, Socket Hd., 1/4-20 x 1/2 inch, Steel	1
-67	23418-063	Screw, Pedal Adjusting	1
-68	134247-001	Pump Assembly (See fig. 8 for details)	1
-69	23407-061	Pan, Pump	1
-70	6785-091	Fitting	1
	23437-041	Screw, Pump Cylinder (Not Shown)	2

Fig. & Index No.	Part Number	Description	Units per Assy.
7-	No Number	Gearbox and Shaft Assembly	1
-1	24700-061	Pin, Groove	1
-2	16285-042	Bearing, Kidney bridge	1
-3	50713-091	Bearing, Thrust	4
-4	16247-091	Worm Bear, Kidney bridge	1
-5	53328-042	Gearbox, Kidney bridge	1
-6	16381-061	Covers	1
-7	12451-041	Screw, Machine, round hd, No. 6-32x1/4 inch	2
-8	16234-091	Worm	1
-9	16186-042	Nut, Adjusting	1
-10	16227-061	Shaft	1
-11	20200-045	Joint, Universal	1
-12	16263-061	Shaft	1
-13	16262-056	Crank	1
-14	13918-045	Stud	1
-15	7981-091	Handle	1
-16	10436-041	Washer, Lock, 1/4 inch	1
-17	9306-061	Screw, Machine, truss hd, 1/4-28x5/16 inch	1
-18	41510-061	Pin, Groove	1
-19	41511-061	Pin, Taper	2
-20	30092-061	Pin, Groove	1
-21	3986-041	Screw, Machine, round hd, No. 8-32x1/2 inch	1
-22	3967-041	Screw, Machine, round hd, No. 8-32x1/4 inch	1

Figure 7. Gearbox and Shaft Assembly, Exploded View

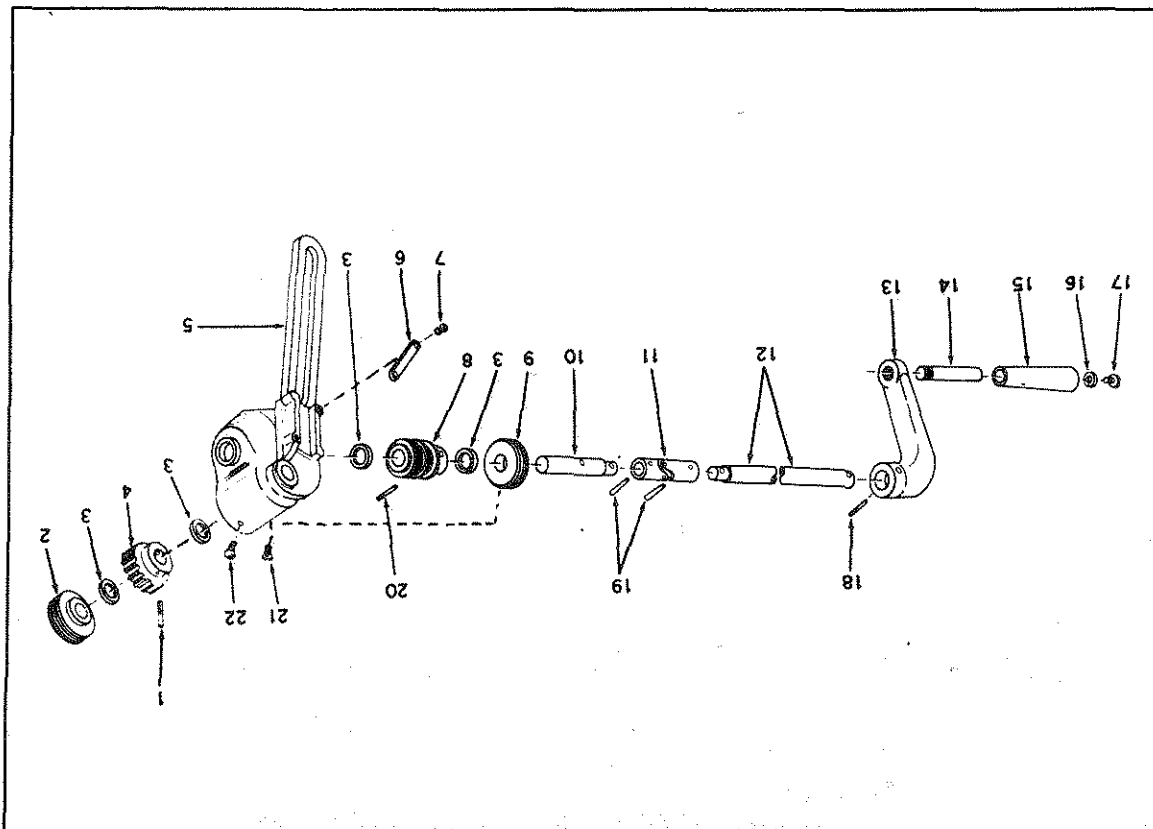


Figure 8. Pump Assembly

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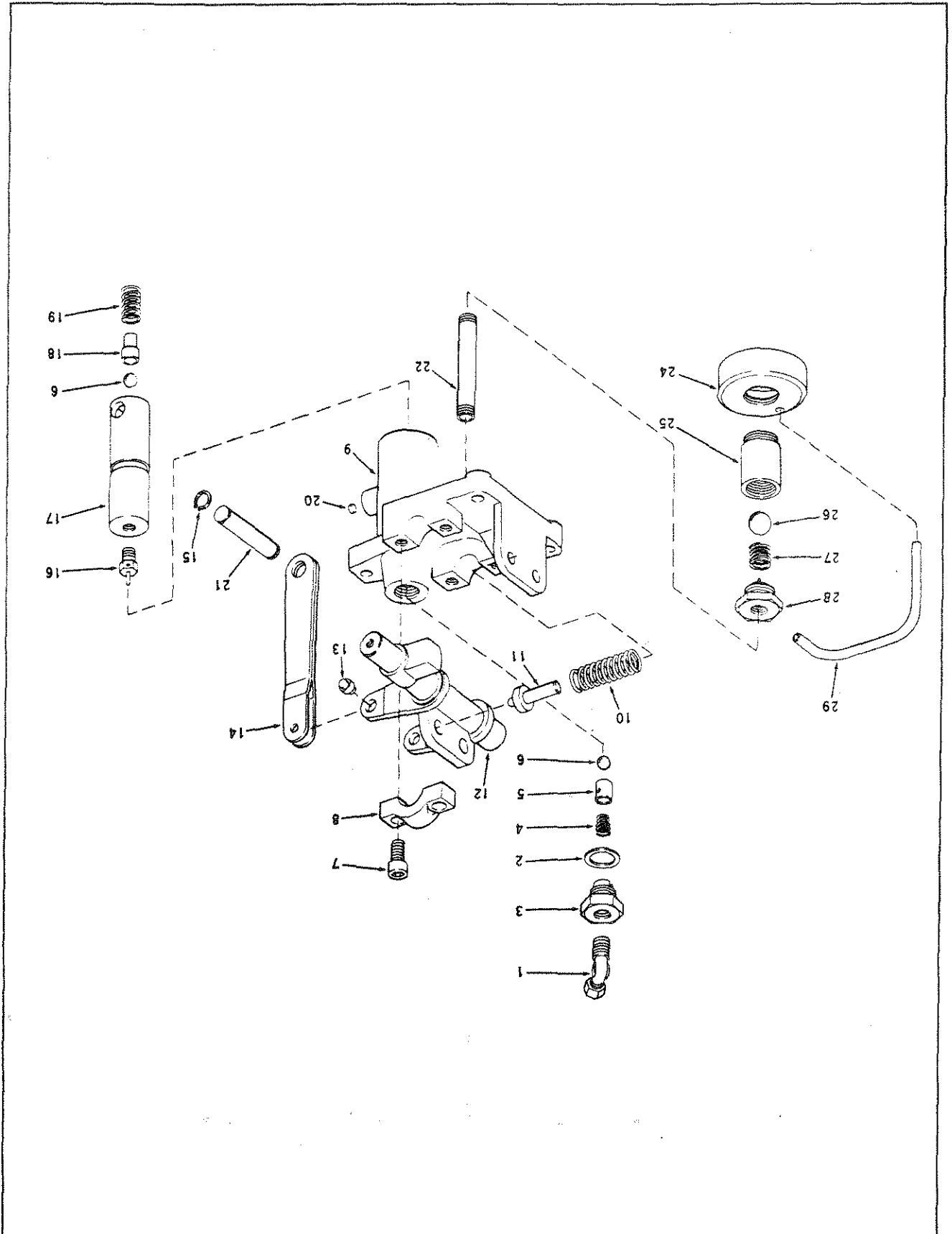


Fig. & Index No.	Part No.	Description	Units Per Assy
8-	131217-001	Pump Assembly	1
-1	6786-091	Connection, EII, 1/4 inch NPT x 3/8 inch ODT	1
-2	3957-091	Gasket, Copper	1
-3	22896-091	Nut, Ball Retainer	1
-4	22874-091	Spring	1
-5	36698-091	Restrictor, Ball Check	1
-6	12608-061	Ball, 3/8 inch	2
-7	22880-091	Body and Bearing Cap Assembly	1
-8	22893-091	Screw	4
-9	22881-091	Cap, Bearing	2
-10	22895-091	Body, Pump	1
-11	22891-091	Spring, Pump Lever	2
-12	22892-091	Pin, Shoulder	2
-13	16965-091	Lever, Pump	1
-14	22890-091	Pin, Link	2
-15	12706-015	Link, Assembly	2
-16	2836-091	Ring, Retaining	2
-17	22886-091	Release, Piston Valve	1
-18	22888-091	Piston	1
-19	25889-091	Stem, Valve	1
-20	22900-091	Spring	1
-21	22889-091	Plug, Pump	1
-22	28923-091	Pin, Wrist	1
-23		Nipple	1
-24	22898-091	Valve Assembly, Intake	1
-25	23114-091	Plate, Strainer	1
-26	23116-091	Cage, Intake Ball	1
-27	12610-091	Ball, 5/8 inch	1
-28	12215-061	Spring, Check Valve	1
-29	24053-091	Nut, Assembly	1
	22897-091	Tube, Oil Return	1

Figure 9. Lift Cylinder Assembly — Before 2/78.

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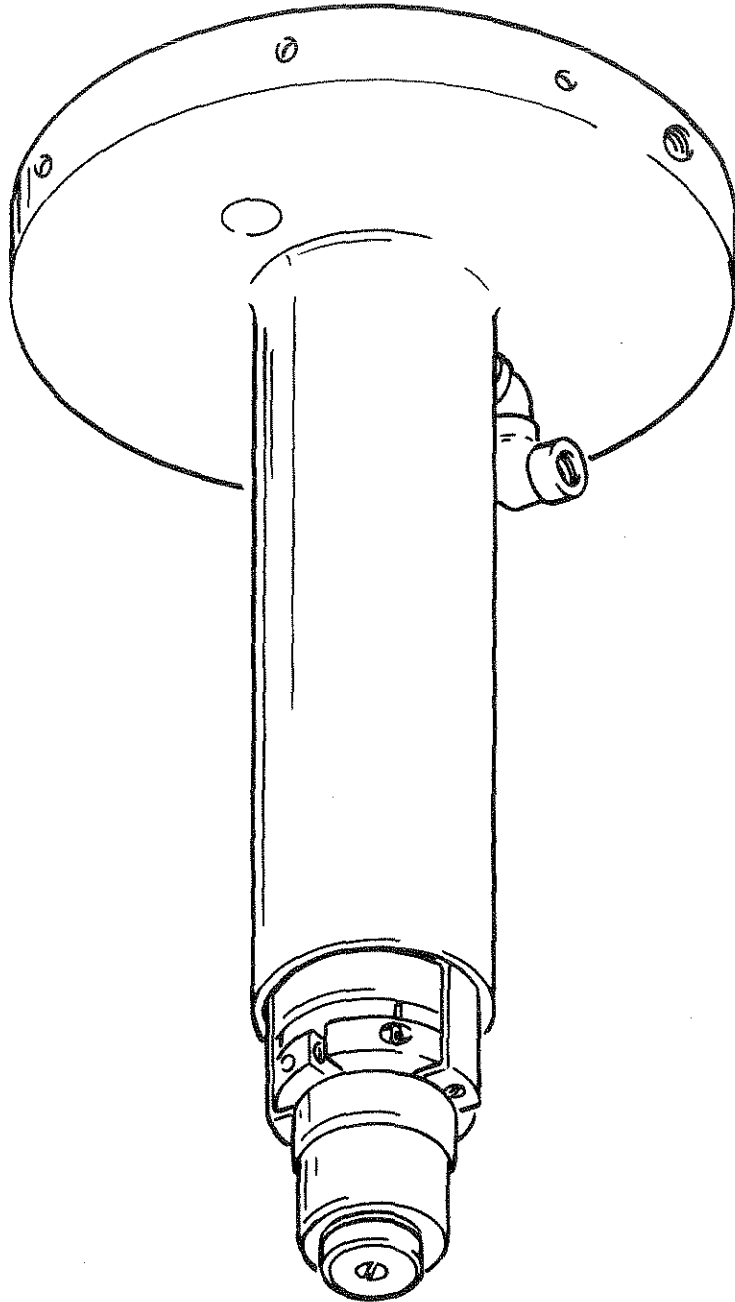


Fig. & Index No.	Part No.	Description	Units Per Assy
9-	136406-001 763908-001 764257-001	New Lift Cylinder Assembly ..... Rebuilt Lift Cylinder Assembly ..... Oil, Solinus No. 750 .....	1 1 1

NOTE: Individual parts no longer available.

# RECOMMENDED SPARE PARTS LIST FOR 1080 OPERATING TABLE

Part No.	Part Name	Quantity
22820-091	Caster — Complete Assembly .....	4
6045-091	Pad, Foot Pedal .....	2
13801-091	Wheel, 3-1/4" Conductive .....	4
150201-001	Foot Floor Lock .....	4